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* * * * * Welcome to STN International * * * * *

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NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40
minutes
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source
(CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/Caplus enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and
Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human
translated claims for Chinese Applications and
Utility Models
NEWS 10 NOV 23 Addition of SCAN format to selected STN databases
NEWS 11 NOV 23 Annual Reload of IFI Databases
NEWS 12 DEC 01 FRFULL Content and Search Enhancements
NEWS 13 DEC 01 DGENE, USGENE, and PCTGEN: new percent identity
feature for sorting BLAST answer sets
NEWS 14 DEC 02 Derwent World Patent Index: Japanese FI-TERM
thesaurus added
NEWS 15 DEC 02 PCTGEN enhanced with patent family and legal status
display data from INPADOCDB
NEWS 16 DEC 02 USGENE: Enhanced coverage of bibliographic and
sequence information
NEWS 17 DEC 21 New Indicator Identifies Multiple Basic Patent
Records Containing Equivalent Chemical Indexing
in CA/Caplus
NEWS 18 JAN 12 Match STN Content and Features to Your Information
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NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:23:41 ON 20 JAN 2010

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 13:23:52 ON 20 JAN 2010
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STRUCTURE FILE UPDATES: 19 JAN 2010 HIGHEST RN 1202629-39-7
DICTIONARY FILE UPDATES: 19 JAN 2010 HIGHEST RN 1202629-39-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

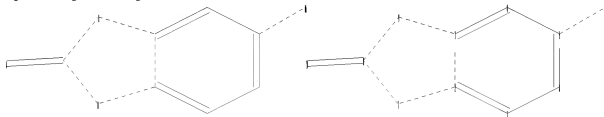
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10571264.str



chain nodes :
10 11
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
5-11 8-10
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9
exact/norm bonds :
2-3 2-7 3-9 5-11 7-8 8-9 8-10
normalized bonds :
1-2 1-6 3-4 4-5 5-6

Match level :

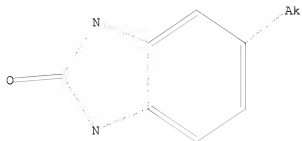
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11:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:24:15 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9126 TO ITERATE

21.9% PROCESSED 2000 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 176793 TO 188247

PROJECTED ANSWERS: 6323 TO 8643

L2 50 SEA SSS SAM L1

=> s l1 ful

FULL SEARCH INITIATED 13:24:19 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 183690 TO ITERATE

100.0% PROCESSED 183690 ITERATIONS 7659 ANSWERS
SEARCH TIME: 00.00.05

L3 7659 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

191.54

191.76

FILE 'CAPLUS' ENTERED AT 13:24:26 ON 20 JAN 2010

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FILE COVERS 1907 - 20 Jan 2010 VOL 152 ISS 4
FILE LAST UPDATED: 19 Jan 2010 (20100119/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 974 L3

=> fil reg	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.50	192.26

FILE 'REGISTRY' ENTERED AT 13:24:34 ON 20 JAN 2010
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STRUCTURE FILE UPDATES: 19 JAN 2010 HIGHEST RN 1202629-39-7
DICTIONARY FILE UPDATES: 19 JAN 2010 HIGHEST RN 1202629-39-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

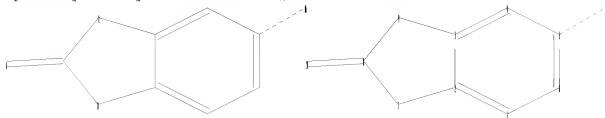
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdnoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10517264b.str



```
chain nodes :
10 11
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
5-11 8-10
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9
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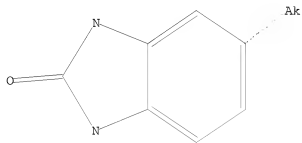
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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS
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L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l5

SAMPLE SEARCH INITIATED 13:25:07 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9126 TO ITERATE

21.9% PROCESSED 2000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**
PROJECTED ITERATIONS: 176793 TO 188247
PROJECTED ANSWERS: 6323 TO 8643

L6 50 SEA \$\$\$ SAM L5

=> s l5 ful
FULL SEARCH INITIATED 13:25:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 183690 TO ITERATE

100.0% PROCESSED 183690 ITERATIONS 7659 ANSWERS
SEARCH TIME: 00.00.05

L7 7659 SEA \$\$\$ FUL L5

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 191.54 383.80

FILE 'CAPLUS' ENTERED AT 13:25:19 ON 20 JAN 2010
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FILE COVERS 1907 - 20 Jan 2010 VOL 152 ISS 4
FILE LAST UPDATED: 19 Jan 2010 (20100119/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l7
L8 974 L7

=> s l8 and benzimidazole
27787 BENZIMIDAZOLE
6678 BENZIMIDAZOLES
29310 BENZIMIDAZOLE
(BENZIMIDAZOLE OR BENZIMIDAZOLES)
L9 232 L8 AND BENZIMIDAZOLE

=> s l9 and pentanoate

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2028 PENTANOATE
86 PENTANOATES
2085 PENTANOATE
(PENTANOATE OR PENTANOATES)
L10      0 L9 AND PENTANOATE

=> s 18 and benzimidazole-2-one-5-n-pentanoate
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6678 BENZIMIDAZOLES
29310 BENZIMIDAZOLE
(BENZIMIDAZOLE OR BENZIMIDAZOLES)
10376058 2
2973104 ONE
211805 ONES
3138602 ONE
(ONE OR ONES)
7229365 5
3410058 N
2028 PENTANOATE
86 PENTANOATES
2085 PENTANOATE
(PENTANOATE OR PENTANOATES)
0 BENZIMIDAZOLE-2-ONE-5-N-PENTANOATE
(BENZIMIDAZOLE (W) 2 (W) ONE (W) 5 (W) N (W) PENTANOATE)
L11      0 L8 AND BENZIMIDAZOLE-2-ONE-5-N-PENTANOATE

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3015 MIF
(MIF OR MIFS)
L12      3 L9 AND MIF

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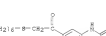
L12 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STM (Continued)
 answer111.html (CA INDEX NAME)

[illegible]

AS ASSIGNMENT HISTORY OR US PATENT AVAILABLE IN LGSD DISPLAY FORMAT
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 AB The present invention relates to the use of specific benzimidazole
 analogs and derivs. to inhibit the cytoline or mol. activity of
 nucleoprotein migration inhibitory factor (MIF), and diseases or
 conditions wherein MIF cytoline or mol. activity is implicated.
 IT Various benzimidazole analogs and derivs. are also provided.
 94269-74-7
 RI Llc Nac (Pharmacological activity); PEP (Properties); SYN (Synthetic
 preparation); TIE (Therapeutic use); BIO (Biological study); PEP
 (Pharmacokin); DRUG (Uses);
 IMI (Inhibitors)
 PH 94269-74-7 CASRN
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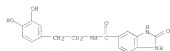
151 ANWWEA 1 OF 12 CAPLUS CONFIDENTIAL 2010 ACS on STN (Continued)
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 153 (USFS)
 154 (MIF inhibitors)
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 X02 28-Benzimidazol-2-one, 1,3-dihydro-5-[2-[(2-hydroxyethyl)thio]acetyl]-
 155 (CA INDEX NAME)


 X03 942403-79-3 CAPLUS
 X04 28-Benzimidazol-2-one, 1,3-dihydro-5-[2-[(6-hydroxyheptyl)thio]acetyl]-
 156 (CA INDEX NAME)


 X05 942403-92-7 CAPLUS
 X06 28-Benzimidazol-2-one, 5-[2-(butoxythio)acetyl]-6-chloro-1,3-dihydro-
 157

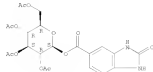
n-Bu2P(=O)(Cl)c1ccc2c(c1)c(=O)[nH]c2=O
R01 942609-91-9 CAS#78
C1 Propanoic acid, 2-[1-(2-,3-dihydro-1,3-dimethyl-2-oxo-2H-benzimidazol-5-yl)-4-oxomethyl]thio- (CA 10054 1996)
CCCCOP(=O)(Cl)c1ccc2c(c1)c(=O)[nH]c2=O
R02 942609-92-9 CAS#78
C1 2H-Benzimidazol-2-one, 5-[2-(butylthio)acetyl]-3,3-dihydro-1,3-dimethyl-1-

$\text{H}_2\text{C}=\text{CH}_2-\text{CH}_2-\text{S}-\text{CH}_2-\text{C}(=\text{O})$			
IT	942609-72-4P	942609-72-5P	942609-72-6P
HL: POC (Pharmacological activity); RCT (Reactant); SHH (Synthetic preparation); THH (Therapeutic use); EDC (Biological study); PEP (Preparation); RAC7 (Reactant or reagent); USES (Class) IMF (Inhibitor)			
RII	942609-73-4	CAFL05	
CRI	Propionic acid, 3-[[2-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-2-oxoethyl]thio]-1-methyl-1H-imidazole-5-carboxamide]	CA INDEX NAME	
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RII	942609-72-5	CAFL05	
CRI	Propionic acid, 3-[[2-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-2-oxoethyl]thio]-1-methyl-1H-imidazole-5-carboxamide]	CA INDEX NAME	
$\text{H}_2\text{C}=\text{CH}_2-\text{CH}_2-\text{S}-\text{CH}_2-\text{C}(=\text{O})$			
RII	942609-73-4	CAFL05	
CRI	Acetic acid, 2-[[2-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-2-oxoethyl]thio]-1-methyl-1H-imidazole-5-carboxamide]	CA INDEX NAME	
$\text{H}_2\text{C}=\text{CH}_2-\text{S}-\text{CH}_2-\text{C}(=\text{O})$			
IT	942609-75-8P	942609-76-1P	942609-90-7P
	942609-91-8P	942609-92-9P	942609-93-0P
	942609-94-1P	942609-95-2P	
Bu: POC (Pharmacological activity); SHH (Synthetic preparation); THH (Preparation); RAC7 (Reactant or reagent) IMF (Inhibitor)			
L12 ANSWER 1 OF 3 CAFL05 COPYRIGHT 2010 ACS on STN (Continued)			
$n\text{-BuS}-\text{CH}_2-\text{C}(=\text{O})$			
RII	942609-93-0	CAFL05	
CRI	Propionic acid, 3-[[2-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-2-oxoethyl]thio]-1-methyl-1H-imidazole-5-carboxamide]	CA INDEX NAME	
$\text{H}_2\text{C}=\text{CH}_2-\text{CH}_2-\text{S}-\text{CH}_2-\text{C}(=\text{O})$			
RII	942609-94-1	CAFL05	
CRI	2H-benzimidazol-2-one, 5-[[2-(butylthio)acetyl]-6-chloro-1,3-dihydro-1,3-dimethyl-1H-imidazole-5-carboxamide]	CA INDEX NAME	
$n\text{-BuS}-\text{CH}_2-\text{C}(=\text{O})$			
RII	942609-95-2	CAFL05	
CRI	Propionic acid, 2-[[2-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-2-oxoethyl]thio]-1-methyl-1H-imidazole-5-carboxamide]	CA INDEX NAME	
$\text{H}_2\text{C}=\text{CH}_2-\text{CH}_2-\text{S}-\text{CH}_2-\text{C}(=\text{O})$			
IT	93202-41-4P	93202-51-8P	897445-61-8P
HL: RCT (Reactant); SHH (Synthetic preparation); PEP (Preparation); RAC7 (Reactant or reagent) IMF (Inhibitor)			
RII	93202-41-5	CAFL05	



RII 634602-91-8 CAPLUS
 CH β -D-Glucopyranoside, 2,2,6,6-tetramethyl-
 1-[7,3-dihydro-2-oxo-18-benzimidazole-5-carboxylate] (CA INDEX NAME)

Absolute stereochemistry.



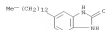
RII 634602-92-9 CAPLUS
 CH 28-Benzimidazol-2-one, 5-keto-1,3-dihydro-6-methyl- (CA INDEX NAME)



RII 634602-93-0 CAPLUS
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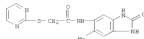
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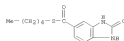
RII 634602-95-2 CAPLUS
 CH 28-Benzimidazol-2-one, 4,5,7-trithione-1,3-dihydro-6-methyl- (CA INDEX NAME)



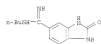
RII 634602-96-3 CAPLUS
 CH Anatanide, 0-[2,3-dihydro-6-methyl-2-oxo-18-benzimidazol-5-yl]-2-[2-pyrrolyl]thio- (CA INDEX NAME)



RII 634602-97-4 CAPLUS
 CH 18-Benzimidazole-5-carboxylic acid, 2,3-dihydro-2-oxo-, 5-pentyl ester (CA INDEX NAME)



RII 634602-98-2 CAPLUS
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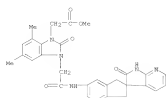
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 (1 CITINGS)
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE EE FORMAT

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    28642 GLUCOCORTICIDS
    45917 GLUCOCORTICOID
          (GLUCOCORTICOID OR GLUCOCORTICIDS)
L13      4 L9 AND GLUCOCORTICOID

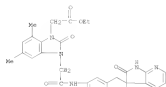
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L13 ANNEX 1 OF 4 CAPLUS COPYRIGHT 2010 ACS ON STM (Continued)
 ACCESSION NUMBER: 2007/705477 CAPLUS
 DOCUMENT NUMBER: 1471/2009
 TITLE: NIF inhibitors
 INVENTOR(S): Morand, Rina Francis; Shann, Colin Edward; Tapley, Peter Mark; Liu, Kunhua; Jomfiah, Thomas H.
 PATENT ASSIGNER(S): Curtin Pty Ltd, Australia
 SOURCE: PCT Int. Appl., 129 pp.
 DOCUMENT TYPE: Patent PEXXO
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007/079463	AL	20070608	WO 2006/031965	20061221
US 7,816,161	AM	2006/031965	US 2006/031965	20061221
CA 2543212	AL	20070608	CA 2006-264212	20061221
EP 2145576	AL	20060917	EP 2006-042087	20061221
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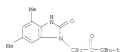


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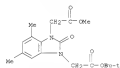


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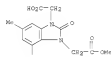
113 ANNEX 2 OF 4 CAPLUS COPYRIGHT 2010 ACS on STM (Continued)
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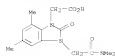
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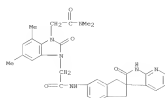
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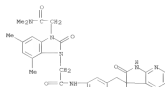
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CN 18-Benzimidazole-1-acetic acid, 3-[2-(dimethylamino)-2-oxoethyl]-2,3-
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XX 886079-13-0 CAPLUS



XX 886078-03-5 CAPLUS
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N1,N1,4,6-tetraethyl-2-oxo-N1-(1,1',2',3-tetrahydro-2'-oxospiro[2.8]undeca-
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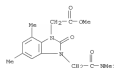


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767304-82-1P 886079-11-8P 886079-13-4P
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(Reactant or reactant)
Preparation of bicyclic anilide spirocyclic amine receptor
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XX 102308-00-3 CAPLUS
CN 28-Benzimidazol-2-one, 1,3-dihydro-4,6-dimethyl- (CA INDEX NAME)



XX 767304-80-3 CAPLUS

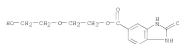
113 ANNEX 2 OF 4 CAPLUS COPYRIGHT 2010 ACS on STM (Continued)
CN 18-Benzimidazole-1-acetic acid, 3-[2-(dimethylamino)-2-oxoethyl]-2,3-
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ON CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS
RECORD
(7 CITINGS)

ACCESSION NUMBER: 2003/911486 CAPLUS
DOCUMENT NUMBER: 149127827
TITLE: Preparation of benzimidazole derivatives which inhibit the cytokine or biological activity of macrophage migration inhibitory factor (MIF)
INVENTOR(S): Murand, Eric Francis; Alexander, Magdy Rehim
PATENT ASSIGNER(S): PCT Int. Appl., 149 pp.
SOURCE: COINVENTOR: PCT/INT. APPL. 149 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACQ. NUM. COUNT: 2
PATENT INFORMATION(S):

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003/14203	A1	20031118	WO 2003/14203	20030606
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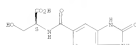


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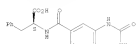
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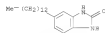


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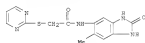
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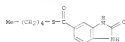
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FN 634602-96-3 CAPLUS
CN 18-Benzimidazole-5-carboxylic acid, 2,3-dihydro-2-oxo-, ethyl ester (CA INDEX NAME)



FN 634602-97-4 CAPLUS
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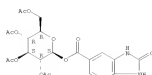


FN 634602-98-5 CAPLUS
CN 18-Benzimidazole-5-carboxylic acid, 2,3-dihydro-2-oxo-, ethyl ester (CA INDEX NAME)



FN 634602-91-8 CAPLUS
CN 18-Benzimidazole-5-carboxylic acid, 2,3-dihydro-2-oxo-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



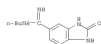
FN 634602-92-9 CAPLUS
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FN 634602-93-0 CAPLUS
CN 18-Benzimidazole-5-carboxylic acid, 2,3-dihydro-2-oxo-, ethyl ester (CA INDEX NAME)



FN 634602-94-1 CAPLUS
CN 18-Benzimidazole-5-carboxylic acid, 2,3-dihydro-2-oxo-, ethyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE SE FORMAT

113 NUMBER 4 OF 4 CAPLUS COPYRIGHT 2010 ACS on STM

ACCESSION NUMBER: 2003;972179 CAPLUS

DOCUMENT NUMBER: 1401594

TITLE:

CPTB modifier genes and expressed proteins, in particular Kir4.2, and their regulators, useful in treating cystic fibrosis and methods and products for detecting and/or identifying same

INVENTOR(S):

Willsont, Jeffrey Allen; Aronow, Bruce Jefferson; Clark, Jean Cartwell

PATENT ASSIGNER(S):

Children's Hospital Medical Center, USA

SOURCE:

IPC Int. Appl., 80 pp.

CURRENT PEXRD

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002132140	A2	20021211	MO 2003-081696	20030530
MO 2002132140	A3	20040300		
US	AK, AG, AL, AM, AT, AU, BA, BB, BE, BG, BY, BR, CA, CH, CN, CO, CU, CY, DE, DK, DM, DO, EC, EE, EG, FI, GB, GR, HU, IL, IN, JP, KR, KZ, LC, LI, LU, LT, LV, MA, MD, ME, MG, MN, MU, NL, NO, NZ, OM, PA, PE, PG, PI, PL, PT, RU, RW, SC, SD, SG, SI, SK, SL, SN, SV, TH, TM, TR, TT, UA, US, UZ, VN, YU, YR, ZA, ZM, ZW			
BR	GB, GR, IL, IN, MG, NL, NO, RU, SE, SI, SK, SL, SN, SV, TH, TM, TR, TT, UA, US, UZ, VN, YU, YR, ZA, ZM, ZW			
NO	ES, HU, JP, TW, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, EG, FI, FR, GB, GR, HU, IL, IN, IT, MC, NL, PT, RO, SE, SI, SK, TR, BR, RU, CF, CD, CI, CM, GM, GN, GU, ML, MU, MR, SN, TD, TG			
CA 2480022	A1	20031211	CA 2003-248022	20030530
AO 2003218791	A1	20031219	AO 2003-238791	20030530
JP 1131810	A2	20000118	JP 2003-734252	20030530
RU	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, NO, PT, SI, SK, SL, LT, LV, PL, NO, MN, CY, AL, TR, BG, CY, EE, HU, SE			
CH 1617174	A	20000912	CH 2003-216147	20030530
JP 200528449	T	20000922	JP 2004-510382	20030530
US 20050215874	A1	20000703	US 2004-999587	20041130
PERIODITY APPL. INFO.1			US 2002-384859	F 20020531
			US 2002-384859	F 20020531
			MO 2003-081696	M 20030530

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LONG DISPLAY FORMAT

AB The invention relates to CPTB modifier genes, in particular the Kir4.2 gene, as well as their expressed proteins, that are useful in treating cystic fibrosis (CF), or at least the conditions that cause CF. It has been found that Kir4.2 is able to compensate for the absence of CFTR. The Kir4.2 gene influences and potentiates chloride (Cl⁻) ion transportation

by providing potassium (K⁺) channel(s) as an alternative pathway(s). In addition, it has been found that the expressed polypeptide(s) of the Kir4.2

gene that provide these K⁺ channel(s) can be activated and/or regulated in response to various agents, such as cAMP stimulating agents (e.g., forskolin and IBMX) that stimulate Cl⁻ ion transportation via CFTR-dependent channels. Methods and products for detecting and/or

113 NUMBER 4 OF 4 CAPLUS COPYRIGHT 2010 ACS on STM (Continued)

identifying CPTB modifier genes, their resp. expressed polypeptides, the genetic regulators of such CPTB modifier genes, and the regulators of their resp. expressed polypeptides are disclosed. Also disclosed are compns. and methods using these CPTB modifier genes, their resp. expressed polypeptides, genetic regulators of these CPTB modifier genes, and/or

CPTB modifier polypeptide regulators for the purpose of treating CF, or at least the conditions that cause CF, are disclosed.

IT 141797-92-4, RE 004

RU 785 (Therapeutic use); RU06 (Biological study); RU06 (Use)

US 504; CPTB modifier genes and expressed proteins, in particular Kir4.2, and their regulators, useful in treating cystic fibrosis and methods and products for detecting and/or identifying same

RU 141797-92-4 CAPLUS

CH 28-Benzimidazol-2-one, 1-(5-chloro-2-hydroxyphenyl)-3-(4-hydroxy-5-(trifluoromethyl)-2-pyridyl)- (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

67.27

451.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-5.95

-5.95

STN INTERNATIONAL LOGOFF AT 13:29:47 ON 20 JAN 2010